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Bifunctional proteins.

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Cited
Documents: [EP0228018](#); [EP0227938](#); [EP0163249](#); [EP0158198](#); [WO8504673](#); [EP0194818](#); [EP0142268](#); [EP0136489](#); [WO8702060](#); [EP0183350](#)

Abstract

Bifunctional proteins obtainable by genetic engineering from an interleukin-2 and a granulocyte-macrophage "colony stimulating" factor fraction have the biological activity of both components, but are distinguished by increased stability. These proteins are thus medicaments which are suitable for the treatment of malignant neoplasms.

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